



**MINDARIE**  
**SENIOR COLLEGE**  

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**WHERE YOUR FUTURE BEGINS**

**2019**  
**YEAR 12**  
**CURRICULUM**  
**HANDBOOK**



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### Note:

Due to resource constraints, it may not be possible to timetable courses if they are chosen by a very small number of students.

**All course costs are given as a guide only. These are based on the 2018 pricing structures and are subject to change in 2019.**

## Introduction

Studying at the senior level means that students are expected to take greater responsibility for their decisions.

## Our Vision

‘Where your future begins’

## Our Philosophy

**Our College is characterised by our Young Adult Ethos**

### Pursuing Personal Excellence

- setting high expectations and meaningful goals
- persevering when faced with challenges and building resilience
- accessing help and support

### Building Positive Relationships

- promoting mutual respect and trust
- engaging in teamwork and cooperative learning
- contributing to a productive learning environment

### Demonstrating Social Responsibility

- behaving ethically
- recognising and supporting the needs of others
- contributing to a sustainable community

This handbook contains information to help students decide which courses to study in Year 12. The options are many and the need for discussions with parents, teachers, counsellors and others is very important. Students and parents are advised to make themselves familiar with the contents of this Curriculum Information Handbook, in addition to all other information available to them.

Parents are an important part of this process as they provide the biggest single influence in a student’s choice of direction. Students will be looking for guidance and support in making informed choices and parents are asked to be active participants in information sessions, counselling and interviews.

## Enrolment Process

The enrolment process used to help students select appropriate courses consists of a number of stages,

**Students will be notified when the Year 12 2019 Curriculum Handbook is available online.**

This Handbook contains information on:

- The courses offered.
- Mindarie Senior College Course Enrolment Policy.
- Secondary Graduation [The Western Australian Certificate of Education (WACE)]

### Enrolment Interviews

New students and a parent/guardian must attend an enrolment interview once the Year 11 Semester 2 School Report is available. Please refer to the Course Enrolment Policy [page 9] for details of what documents you must bring to the enrolment interview.

# College Charges

## Course Charges & Extra Cost Options

During term 3 of this year, re-enrolment forms will be sent home with students, requesting a re-enrolment deposit of \$200 to be paid to the College for Year 12. All Year 11 and 12 courses attract compulsory charges and the cost for each course is included in this handbook.

There will be additional charges where extra cost activities are part of the Year 12 educational program, such as excursions and camps that students are expected to attend and which the course charges do not cover. An example sheet of these additional costs is included in Appendix B of this booklet.

In December this year, the parent or guardian will receive an information package which will include the updated additional cost charges, booklist and a statement of the course charges and voluntary contributions. It is expected that payment is finalised by the end of Term 1, 2018.

Payment options are available if necessary and arrangements can be made through the Finance Officer.

## Secondary Assistance Scheme

Some financial assistance is available for course charges and clothing. Most Centrelink *Family Health Care Card* or Pensioner Concession cardholders are eligible. **Rules change from year to year.** If a parent feels they are eligible, they should contact the College. Applications should be made at the beginning of each year.

## Ensuring Your Success

If the courses the student selects have textbooks and other resources on the booklist, it is a requirement that these be purchased. Without textbooks there is little chance of succeeding in the course.

## Minimum Entrance Requirements

The *Minimum Entrance Requirements* for each course are included in the detailed course descriptions. These are stated to help the student choose appropriate courses in which he or she could succeed – provided they have a good work ethic and put in the effort required.

## Homework/Study Commitments

Before students decide on which type of course to study, they need to consider the type of commitment they are able to give out of College hours. Students studying ATAR (university) pathway courses need to do a minimum of three hours study per course per week, each and every week. That means if a student is studying FIVE university pathway courses, they need to dedicate a minimum of 15 hours to homework and/or study per week.

Homework does not only consist of the work given to the student by the teacher, but also has a self-directed component. This may include organising notes, revision, research, exam study, practical study or additional tasks or questions.

## Handing in Your Work on Time

It is vital in Year 11 and 12 that all assessment work is handed in on time, for all courses. Failure to do so jeopardises marks and grades, and prevents the student achieving his or her potential.

## Attendance Commitment

Attendance and participation in class is the key to achievement of success. Studies show that students who attend college regularly are more likely to succeed at college. Students should **aim for 100% attendance**. The only acceptable reasons for absences are sickness or attendance at a College activity such as an excursion. Work commitments and holidays are not acceptable reasons for being absent from College.

## Medical Conditions Affecting College/Exam Performance

It is the responsibility of the student to notify the College of any medical condition that may affect performance at enrolment, or when he or she becomes aware of the condition. If special consideration is required in exams or class as a result of the medical condition, a medical certificate and/or other documentation must be provided to the Associate Principal, so that arrangements can be put in place. This is also a Schools' Curriculum and Standards Authority (SCSA) requirement.

## Types of Programs of Study Offered

For 2019, in Year 12, two types of programs are offered:

- **ATAR (University) Pathway Program**
- **General Pathway Program (Non-University - including VET and GENVET)**

Students study six (6) course equivalents in Year 11 and six (6) course equivalents in Year 12. Students should continue a course that they studied in Year 11. Once a student has commenced their program of study, course changes are discouraged and usually only considered in the case of a student being in a program of study that is too difficult for him or her.

All of the courses described above are governed by the syllabuses and assessment structures of the Schools' Curriculum and Standards Authority. These syllabus statements are available from the SCSA website – [www.scsa.wa.edu.au](http://www.scsa.wa.edu.au)

In accordance with SCSA guidelines, students are awarded a grade for each Year 11 and Year 12 course.

The grades appear on the student's Western Australian Statement of Student Achievement (WASSA) issued by the Schools' Curriculum and Standards Authority when the student has finished secondary school, and are based on assessments carried out by College staff throughout the year.

Before determining which course to take, make sure you thoroughly read and understand the Mindarie Senior College COURSE ENROLMENT POLICY (Page 9).

## ATAR (University) Pathway Courses

These courses are examined externally for the purposes of university entrance. Examinations covering the Year 12 courses are held in November every year. Specific dates for each year are available from the TISC website, [www.tisc.edu.au](http://www.tisc.edu.au). Each course in Year 11 rolls over to a course in Year 12 and is normally studied as a prelude to the Year 12 course; for example, Geography ATAR Year 11 followed by Geography ATAR Year 12.

It is recommended that students aiming for university entrance study a minimum of five ATAR courses in Year 11 (and subsequently the corresponding five ATAR courses in Year 12).

For ATAR courses studied in Year 12, in addition to the grade (determined, as above, by the college), students will receive an external assessment based on 50% of a mark submitted by the college (covering Year 12 work only) and 50% of the mark attained in the external exam to achieve an ATAR ranking for university entrance.

## Unacceptable Course Combinations – ATAR Courses

You cannot use the following course combinations in calculating your ATAR. It may be possible to do both courses but the result in only one may be used in the calculation of your ATAR.

Chemistry ATAR **with** Integrated Science ATAR

Physics ATAR **with** Integrated Science ATAR

English ATAR **with** Literature ATAR

## General Pathway Courses (Non-University)

These courses are assessed at the College level, with one task set externally by SCSA in Year 12 for moderation purposes. These courses *do not* contribute to direct university entrance eligibility. Although some courses stand-alone each year, it is recommended that students select a course to study over the two years, as it can be very difficult to pick up a new course in Year 12 if the background has not been developed in Year 11.

### Unacceptable Course Combinations – General Courses

You cannot use the following course combinations towards WACE (only one will count towards WACE (Secondary Graduation):

**Textiles** (Materials Design and Technology) **with Wood** (Materials Design and Technology)

**Infant/child focus** (Children, Family and the Community) **with Independent Living focus** (Children, Family and the Community).

### Vocational Education and Training (VET)

These courses are governed by the Australian Quality Training Framework and do not contribute to direct university entrance eligibility. Successful completion of these courses is an advantage for students who are aiming to apply for further training pathways (eg State or Private Training Providers) and may be an advantage for students applying for alternative entry pathways to university (Eg Portfolio Entry to Edith Cowan University.) For information on alternative pathways to university, please contact individual universities directly.

### GENVET

At Mindarie Senior College, if a Year 11 General course leads to a VET course in Year 12, in this Curriculum Information Handbook these courses are referred to as GENVET.

## Course Choices

When choosing courses:

- Make a COMMITMENT for two years. It is advisable to follow a Year 11 course through to the end of Year 12.
- Read the detailed course descriptions contained in this handbook.
- Consider interest, abilities and career aspirations.
- Check the minimum entrance requirements have been met.

## Languages Other Than English

Due to the variety of LOTE courses studied at previous schools attended by our students, a stand-alone LOTE course will not run in 2019.

## Course Enrolment Policy

### ATAR (University) Pathway

The philosophy at Mindarie Senior College is to allow students to attempt university pathway courses *only if they meet the minimum entrance requirements* outlined in this curriculum information booklet. All students aiming for entry to university directly from Year 12 will be required to enrol in a minimum of five (5) ATAR pathway courses.

### General Pathway (Non University)

Students who enrol in a General Pathway course will enrol in at least one (maximum of two) VET or GENVET courses.

## 2019 Academic Standards Policy (the academic standards policy applies to all students)

Student individual academic success is a priority of teaching and learning at Mindarie Senior College. All learning programs focus on the successful attainment of academic goals and a student's successful transition to a preferred pathway at the completion of Year 12.

In order to achieve this outcome, all students in Year 11 are required to achieve the *minimum* standard of a C Grade (or equivalent) in three courses. A C grade equivalent is achieved in VET courses by the achievement of all units of competence.

Students studying an ATAR pathway need to achieve a minimum predicted ATAR of 60 by the end of Year 11.

Students who do not meet this minimum academic standard will be expected to move to a General pathway, repeat Year 11 the following year or seek alternative training or employment.

## Year 12 Enrolment

### ATAR Pathway (University Pathway)

To remain in a university pathway program, students must have achieved a predicted ATAR of greater than 60 across a minimum of **FOUR** ATAR (university) pathway courses at the end of Year 11. If this is not achieved a student may choose one of the following options:

Change to a more appropriate ATAR (university) pathway course.

Change to general courses: a non-university pathway.

Although five(5) is the recommended number of ATAR pathway courses for a student aiming for university, Year 12 students may apply to complete a minimum of four(4) ATAR (university) pathway courses, along with two other courses or course equivalents.

### Withdrawing from a Course to have Independent Study Time

This option *may* be available to students in Year 12 and is allocated on the basis of academic merit or when, in the opinion of College staff, it is seen to benefit a student's educational outcomes. As a guide, Year 12 ATAR pathway students may withdraw from one course for study time at the start of Year 12, provided they have passed all six(6) courses in Year 11 and have achieved a 'B' average in five(5) of those courses. Students may also need to demonstrate a capacity to effectively use independent study time. Applications must be made to an Associate Principal and will be considered on an individual basis.

### Changing Courses

**When a student selects a program of study, he or she is committing to the courses for the duration of the program.** Course changes are discouraged and can be avoided if students:

Choose the appropriate courses and take note of the ***Minimum Entrance Requirements***.

Discuss any problems with the teacher and their parents.

Work harder when the going gets tough, hand all work in on time, seek extra help and maintain 100% attendance.

Utilise Wednesdays by attending seminars and completing extra study.

**If a student realises that he or she is not in an appropriate course (eg too difficult or too easy), it is recommended that the student arranges to meet with the Manager of Student Studies or an Associate Principal *as soon as possible and, at the latest, prior to the end of Week 4, Term 1.*** Any student who changes a course after the commencement of the course must catch up on any work missed in the new course selected. Course changes may also result in an increase in course charges.

## Secondary Graduation

### School Curriculum and Standards Authority (SCSA)

The School Curriculum and Standards Authority is the governing body in WA responsible for all courses, the Western Australian Secondary Statement of Achievement (WASSA) and the Western Australian Certificate of Education (WACE).

The School Curriculum and Standards Authority will issue two documents for students:

A **Western Australian Secondary Statement of Achievement (WASSA)** will be issued to all Year 12 students who complete any study that contributes to WACE.

and

The **Western Australian Certificate of Education (WACE)** which will be issued to all students who meet the requirements to achieve WACE.

### Western Australian Certificate of Education (WACE)

By achieving WACE, the student demonstrates to potential employers, training organisations or tertiary institutions that work completed during Years 11 and 12 has met a national standard.

Parents and students are advised to check the School Curriculum and Standards Authority (SCSA) website, [www.scsa.wa.edu.au](http://www.scsa.wa.edu.au) for the most up to date information on the requirements for the achievement of WACE for their child. Alternatively, contact SCSA by phone: (08) 9273 6300.

Students who have commenced enrolment at MSC may also see the Manager of Student Studies, Careers Counsellor or an Associate Principal for details of WACE requirements.

## University Entrance Requirements

In order to be considered for university admission, a school leaver applicant should have:

- a. met the **WACE** requirements prescribed by the School Curriculum and Standards Authority;
- b. achieved **competence in English** as prescribed by the individual universities;
- c. obtained a **sufficiently high ATAR** for entry to a particular university course; and
- d. met any prerequisites or special requirements for entry to particular courses.

For detailed information about university admission requirements, students and parents should visit the website: [www.tisc.edu.au](http://www.tisc.edu.au)

Students may also make contact directly with the universities for information on courses and admission requirements. University websites have specific sections for prospective/future students, parents and guardians.

### **Curtin University of Technology**

[www.curtin.edu.au](http://www.curtin.edu.au)

Prospective Students Services

Phone: (08) 9266 2710 / 9266 2662

Email: [undergrad@curtin.edu.au](mailto:undergrad@curtin.edu.au)

### **Murdoch University**

[www.murdoch.edu.au](http://www.murdoch.edu.au)

Prospective Students and Admissions Centre

Phone: 1300 Murdoch

Email: [admissions@murdoch.edu.au](mailto:admissions@murdoch.edu.au)

### **The University of Notre Dame (Private)**

[www.nd.edu.au](http://www.nd.edu.au)

Phone: (08) 9433 0555

Email: [enquiries@nd.edu.au](mailto:enquiries@nd.edu.au)

### **Edith Cowan University**

[www.ecu.edu.au](http://www.ecu.edu.au)

Student Recruitment

Phone: (08) 6304 6304

Email: [admissions@ecu.edu.au](mailto:admissions@ecu.edu.au)

### **The University of Western Australia**

[www.uwa.edu.au](http://www.uwa.edu.au)

UWA Admissions Centre

Phone: (08) 6488 2477

Email: [admissions@uwa.edu.au](mailto:admissions@uwa.edu.au)

### **CQ University**

[www.cqu.edu.au/wa](http://www.cqu.edu.au/wa)

Phone: (08) 9260 4000

Email: [contacts.cqu.edu.au](mailto:contacts.cqu.edu.au)

## TAFE

### Entrance Requirements

For additional information, students and parents are encouraged to contact the

**Jobs and Skills WA**

Phone: 13 64 64

[www.jobsandskills.wa.gov.au](http://www.jobsandskills.wa.gov.au)

As a guide only, key points of the TAFE entry requirements include:

**Qualifications offered by TAFE will be divided into two groups.**

The **first group** of qualifications will require applicants to address **entry requirements only**: These are qualifications for which there are more places available than applicants.

The **second group** of qualifications will require applicants to address **both entry requirements and selection criteria**: These are qualifications for which there are more applicants than places available; and Selection criteria will focus on past secondary education achievement/skill development; completed AQF qualifications; and work-place experience: paid or unpaid.

**Provide evidence against the selection criteria for courses with competitive entry**

Selection criteria – maximum 90 points	
Academic achievement – maximum 60 points	Work history – maximum 30 points
<p>Derived from the highest points from either:</p> <ul style="list-style-type: none"><li>secondary education results; or</li><li>completed AQF qualification.</li></ul> <p>An overview of the points used to calculate a score for academic achievement is provided in attachment A.</p>	<p>Credit for total hours worked at 0.003 points per hour:</p> <ul style="list-style-type: none"><li>Employment</li><li>Work experience</li><li>Community services/volunteer work</li></ul>

**What does this mean for students selecting their learning program for Years 11 and 12?**

Students should select a broad range of courses and experiences for which they have satisfied the recommended minimum entrance requirements. A student wanting to be prepared for the broadest range of TAFE courses, in addition to an English course, would typically include in their program of study a Maths and Science course, combined with other courses in their area of interest. Students must achieve the highest result of which they are capable. Participating in all classes and learning experiences and submitting all work on time are the most successful strategies to achieve the highest outcomes.

## English General

Course Code GTENG  
University Pathway

### Estimated Cost

Based on 2018 pricing

**\$79.00**

### Course Outline

Students explore attitudes, text structures and language features to understand a text's meaning and purpose; examine relationships between context, purpose and audience in different language modes and types of texts, and their impact on meaning; consider how perspectives and values are presented in texts to influence specific audiences; develop and justify their own interpretations when responding to texts; and learn how to communicate logically, persuasively and imaginatively in different contexts, for different purposes, using a variety of types of texts.

Students explore how ideas, attitudes and values are presented by synthesising information from a range of sources to develop independent perspectives; investigate differing perspectives and develop reasoned responses to these in a range of text forms for a variety of audiences; and consider intended purpose and audience response when creating their own persuasive, analytical, imaginative, and interpretive texts.

### Minimum Entrance Requirements

Satisfactory performance in Year 11 General English is preferred.

## English ATAR

Course Code ATENG  
University Pathway

### Estimated Cost

Based on 2018 pricing

**\$79.00**

### Course Outline

Students explore representations of themes, issues, ideas and concepts through a comparison of texts. They analyse and compare the relationships between language, genre and contexts, comparing texts within and/or across different genres and modes.

Students recognise and analyse the conventions of genre in texts and consider how those conventions may assist interpretation. Through close study of texts, students explore relationships between content and structure, voice and perspectives and the text and context. This provides the opportunity for students to extend their experience of language and of texts and explore their ideas through their own reading and viewing.

Students compare and evaluate the effect of different media, forms and modes on the structure of texts and how audiences respond to them. Understanding of these concepts is demonstrated through the creation of imaginative, interpretive, persuasive and analytical responses.

### Minimum Entrance Requirements

Satisfactory performance in Year 11 ATAR English.

# Literature ATAR

Course Code ATLIT  
University Pathway

**Estimated Cost**     **\$79.00**

Based on 2018 pricing

## Course Outline

The Literature ATAR course is designed for students seeking a university pathway, and focuses on the study of literary texts, as well as developing students as independent, innovative, critical and creative learners and thinkers who appreciate the aesthetic use of language; evaluate perspectives and evidence; and challenge ideas and interpretations.

The course explores how literary texts construct representations, shape perceptions of the world, enabling students to construct meaning and enter other worlds of the imagination. Students actively participate in the dialogue of literary analysis and the creation of imaginative and analytical texts in a range of modes, media and forms.

Students enjoy and respond creatively and critically to literary texts drawn from the past and present and from Australian and other cultures. They reflect on what these texts offer them as individuals, as members of Australian society and as world citizens.

Students establish and articulate their views through creative response and logical argument. They reflect on qualities of literary texts, appreciate and utilize the power of language and inquire into the relationships between texts, authors, readers, audiences and contexts as they explore ideas, concepts, attitudes and values.

## Minimum Entrance Requirements

Satisfactory performance in Year 11 ATAR Literature.

## Dance General

Course Code GTDAN  
Non-University Pathway

**Estimated Cost** **\$130.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

#### Semester 1 – Unit 3 Popular Culture

Students will focus on:

- Dance language
- Practical and theoretical dance lessons
- Safe dance, Physical skills and Coordination
- Technique for styles of dance
- Performance qualities
- Functions of dance in society
- Genre-specific technique including the following possible styles: contemporary, ballet, jazz, hip-hop, tap, ballroom and cultural dance

#### Semester 2 – Unit 4 Australian Dance

Students will focus on:

- Range of functions of dance in Australia
- Genre-specific technique including the following possible styles: contemporary, ballet, jazz, hip-hop, tap, ballroom and cultural dance
- Design concepts and technologies
- Group performance for concert
- Australian dance companies and choreographer.

### Minimum Entrance Requirements

No dance experience needed.

### Further Study

Dance training at private dance schools  
Certificate in Dance  
Certificate in Dance Teaching

## Dance ATAR

Course Code ATDAN  
University Pathway

**Estimated Cost** **\$130.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

#### Semester 1 – Unit 3 Youth Voice

Students will focus on:

- Creating dance that explores original concepts and expresses personal ideas.
- Choreographic processes
- Improvisational skills
- Critical evaluation of dance and design
- Contemporary technique
- Experiential anatomy
- Case studies
- WACE contemporary Set Solo
- Opportunities to view live performances as excursions and incursions.

#### Semester 2 – Unit 4 Extending the Boundaries

Students will focus on:

- Contemporary technique
- WACE contemporary Set Solo
- Creating of an Original Solo
- Choreographic structures
- Application of dance terminology
- Complex dance skills
- Health & safety issues for a dance career
- Improvisational skills
- Interview skills for auditions
- Choreography for concert

### Minimum Entrance Requirements

#### Successful completion of Year 11 ATAR Dance

If no previous Year 11 ATAR Dance experience an audition will be required.

### Further Study

Diploma Dance or Bachelor of Arts (Dance) WAAPA  
Certificate in Dance  
Certificate in Dance Teaching

## Drama General

Course Code GTDRA  
Non-University Pathway

**Estimated Cost** **\$110.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

#### Unit 3 – Representational, realist drama

This unit focuses on representational, realistic drama. Students explore techniques of characterisation through different approaches to text interpretation, particularly those based on the work of Stanislavski and others.

#### Unit 4 – Presentational, non-realist drama

This unit focuses on presentational, non-realist drama. Students explore techniques of role and/or character through different approaches to text interpretation, particularly those based on the work of Brecht and others.

\*\* Students are expected to participate in performances that may involve out of College rehearsals and performance.

\*\*Students will also be given opportunities to view live performances as both excursion and incursions.

\*\* The course includes both practical and written components.

#### Minimum Entrance Requirements

None, though Year 11 Drama units desirable.

#### Further Study

TAFE courses in Arts and Entertainment

## Drama ATAR

Course Code ATDRA  
University Pathway

**Estimated Cost** **\$110.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

#### Unit 3 – Reinterpretation of drama for contemporary audiences

This unit focuses on reinterpretation of dramatic text, context, forms and styles for contemporary audiences through applying theoretical and practitioner approaches.

#### Unit 4 – Contemporary and devised drama

This unit focuses on interpreting, manipulating and synthesising a range of practical and theoretical approaches to contemporary and devised drama.

\*\* Students are expected to participate in performances that may involve out of College rehearsals and performance.

\*\*Students will also be given opportunities to view live performances as excursions and incursions.

\*\* The course includes both practical and written components, including practical and written examinations.

#### Minimum Entrance Requirements

B Grade in Year 11 English  
Year 11 Drama units desirable.

#### Further Study

Tertiary courses in the Arts  
TAFE courses in Arts & Entertainment

## Media Production and Analysis

### General

Course Code GTMPA  
Non-University Pathway

**Estimated Cost** **\$140.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

#### Course Outline

Students in this course will have access to a fully functioning, multi-camera television studio. Students use state of the art digital SLR cameras. Video projects are edited using Adobe Creative Suite.

#### Unit 3 – Entertainment

Within this broad focus, students will expand their understanding of media languages, learning how codes and conventions are used to construct entertainment media.

Students analyse, view, listen to and interact with interesting and relevant media work. They also generate ideas and learn production skills and processes as they apply their knowledge and creativity in their productions.

#### Unit 4 – Representation and reality

Students will consider different types of representations and how they relate to the construction of reality within media work.

In contexts related to representation and reality, students analyse, view, listen and interact with a variety of media work. They learn about production controls, constraints and responsibilities. Students continue to develop strategies and production skills when creating their own media work.

#### Minimum Entrance Requirements

Past experience in Media Studies would be an advantage.

#### Further Studies

Training Providers

## Media Production and Analysis ATAR

Course Code ATMPA  
University Pathway

**Estimated Cost** **\$140.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

#### Course Outline

Students in this course will have access to a fully functioning, multi-camera television studio. Students use state of the art digital SLR cameras. Video projects are edited using Adobe Creative Suite.

#### Unit 3 – Media art

Students will analyse, view, listen to and interact with contemporary and traditional examples of media art, identifying techniques and themes, meanings that are created and audiences' interpretations. They consider the representation of values and technological developments that influence perceptions of art within media work. Students are encouraged to experiment with technologies, structures, codes and conventions to express their ideas and creativity. They have the opportunity to extend their production skills and processes and the emergence of personal style.

#### Unit 4 – Power and persuasion

Focus is power and persuasion. Through this, students extend their understanding of persuasive media, examining the way the media is able to reflect, challenge and shape values and attitudes. They critically analyse, view, listen to, and interact with a range of media work, considering the purposes and values of producers and audiences. Students synthesise a range of ideas, skills and processes to create their own media productions that express their views.

#### Minimum Entrance Requirements

Achievement of a B Grade in English at Year 11 level.  
Past experience in Media Studies is desirable.

## CUA20215 - Certificate II in Creative Industries (Media)

Course Code CUA20215  
Non-University Pathway



CRICOS Provider Code: 00020G // RTO 52786

This course is offered to students under the auspices of North Metropolitan TAFE.

### Estimated Cost

**\$150.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

This course is offered to students under the auspice of Central Institute of Technology (RTO 1988)

### Course Outline

The focus for the second year of this 2 year certificate course, is **Digital Video: Foundations of Video Design and Production**. It is a year-long, project-based curriculum that develops career and communication skills in digital video production, using Adobe tools. It uses a project-based approach.

### Skills Outline

Digital Design develops four key skill areas; project management and collaboration, design, research and communication, professional video and television production using video tools.

Students develop these key skills in a spiral – each project adds more challenging skills onto foundation proficiencies. Students engage in skills to learn storytelling, capturing and editing video and audio, and finalizing content for DVD, web.

### Minimum Entrance Requirements

Continuing on from Year 11 Certificate.

### Further Study

Certificate IV and higher in Screen and Media

## CUA20615 - Certificate II in Music Industry

Course Code CUA20615  
Non-University Pathway



This course is offered to students under the auspices of the College of Sound and Music Production (RTO #41549).

### Estimated Cost

**\$140.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

The focus for this year of the Certificate II in Music Industry Course is Composing and Performance. Students will have the opportunity to further develop skills in the areas of Sound Engineering, Composition, Musicianship, Performance and Stage Management.

### Skills Outline

- CUAMCP301 Compose simple songs or musical pieces
- BSBWHS201 Contribute to health and safety of self and others
- CUAIND201 Develop and apply creative arts industry knowledge
- CUAMLT201 Develop and apply musical ideas and listening skills
- CUAMPF101 Develop skills to play or sing music
- BSBWOR202 Organise and complete daily work activities
- CUAMPF201 Play or sing simple musical pieces
- BSBWOR203 Work effectively with others

### Minimum Entrance Requirements

The following instruments are taught are Mindarie Senior College; Voice, Guitar, Bass and Drums. The student should have successfully completed General Music in Year 11, or have considerable performance experience prior to entering the course. A minimum of five years' experience on their instrument is required.

### Further Study

Certificate III and higher in Music Industry

## CUA31115 - Certificate III in Visual Arts

Course Code CUA3111  
Non-University Pathway



CRICOS Provider Code: 00020G // RTO 52786

This course is offered to students under the auspices of North Metropolitan TAFE

### Estimated Cost **\$150.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

This **two year course** is a continuation from year 11 Certificate III Visual Arts course, which suits creative individuals. Students must have successfully completed Year 11 CUA3115 - Certificate III in Visual Arts. Students have the opportunity to complete selected units of competency and achieve a full Certificate III in Visual Arts. The course develops portfolio skills, studio works and professional practices. The course offers students an insight into how artists go about the creative process.

### Skills Outline

This **two year course** offers units of competency in a selection of core and elective units from a wide range of art based units such as drawing, design, ceramics, sculpture, printmaking and art history.

### Minimum Entrance Requirements

Successful completion of Year 11 Certificate III Visual Arts.

### Further Study

Certificate IV in Visual Arts and further certificate courses.

## Visual Arts ATAR

Course Code ATVAR  
University Pathway

### Estimated Cost **\$130.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

The Visual Arts ATAR course encompasses the practice and theory of the broad areas of Visual Art. Students are encouraged to explore and represent ideas and gain an awareness of the role that artists play in reflecting, challenging and shaping our society. The Visual Arts ATAR course allows students to develop aesthetic understandings and a critical awareness to appreciate and make informed evaluations of art through their engagement of the own art practice and the work of others.

Students will study two semester long themes, "Social Commentary" and "Point of View". The course is separated into two equally weighted areas, Art Making and Art Interpretation. Within Art Making, students will be expected to produce a visual journal of inquiry, exploring drawing, design, influences, media testing, documentation, reflection culminating in the production of a final work of art. Art Interpretation encompasses two areas, Critical Analysis and Investigation.

Tasks will include analysing artworks, applying art language, exploring art movements, developing art works, writing artist statements, analytical and investigative essays. This course culminates in a written exam and a practical exam, both of which are equally weighted and externally assessed.

### Minimum Entrance Requirements

Completion of Year 11 ATAR Visual Arts Course. B grade in Year 11 English.

### Further Study

Tertiary courses in the Creative Arts and Design. Certificate courses in the Creative Industries.

# Design (Photography) General

Course Code GTDESP

Non-University Pathway

## Estimated Cost

**\$130.00**

Based on 2018 pricing

## Course Outline

The Photography course develops students' photographic skills and application of design elements and principles. With access to digital SLR cameras with a variety of lenses, lighting, and the full Adobe Creative Suite, the course also aims to improve student's prospects for employment in the photographic and publishing industries.

### Unit 3 – Product design

The focus of this unit on commercial photography skills such as product photography.

Students learn about photography in the commercial world, as a means for organisations to communicate to specific audiences, promoting products, services and brands. Students are encouraged to build their capacity to complete commercial work while pursuing their personal interests.

### Unit 4 – Cultural design

The focus of this unit is on event and documentary photography skills.

Students learn the power of photography to document lived experience, lifestyles and values in our diverse society. Students are encouraged to explore their place in society and pursue their interests in photographing cultural events and experiences.

### Minimum Entrance Requirements

Experience in photography would be advantageous.

## PATHWAYS FOR TECHNOLOGY AND ENTERPRISE

Pathways	Year 11	Year 12	Further Study
Not aiming for direct entry to University: General Courses	Accounting and Finance General (GEACF)	BSB20115 - Certificate II in Business VET	TAFE
	Business, Management and Enterprise General (GEBME)	Business, Management and Enterprise General (GTBME)	TAFE
	# Computer Science GENVET (GECSC)	ICT20115 - Certificate II in Information, Digital, Media Technology VET	TAFE
	**Children, Family and the Community: Infant/Child focus GENVET (GECFCC)	CHC22015 - Certificate II in Community Services VET	TAFE
	**Children, Family and the Community: Independent Living General (GECFCL)	CHC22015 - Certificate II in Community Services VET	TAFE
	Food Science and Technology General (GEFST)	Food Science and Technology General (GTFST)	TAFE
	Textiles - Materials Design and Technology General (GEMDTT)	Textiles - Materials Design and Technology General (GTMDTT)	TAFE
	Wood - Materials Design and Technology General (GEMDTW)	Wood - Materials Design and Technology General (GTMDTW)	TAFE
	Design – Technical Graphics General (GEDEST)	Design – Technical Graphics General (GTDEST)	TAFE
Aiming for Direct Entry to University	Accounting and Finance ATAR (AEACF)	Accounting and Finance ATAR (ATACF)	University/TAFE
	Computer Science ATAR (AECSC)	Computer Science ATAR (ATCSC)	University/TAFE
	Food Science and Technology ATAR (AEFST)	Food Science and Technology ATAR (ATFST)	University/TAFE

# If students complete the General course to a high level in Year 11, they may be able to transfer into the ATAR course in Year 12.

\*\* Students may only choose one of these courses (ie: Infant/child focus *OR* Independent Living focus).

## BSB20115 - Certificate II Business

Course Code BSB2011  
Non-University Pathway



This course is offered to students under the auspices of Skills Strategies International (RTO 2401)

**Estimated Cost** **\$60.00**

Based on 2018 pricing

### Course Outline

This Course gives students an insight into the exciting world of business. It simulates an office environment, with the aim of equipping students with knowledge in communicating with customers, service delivery, using business technology, working effectively and efficiently and processing and completing office documentation. Students will gain insight into the daily administrative tasks associated with operating a business and record keeping and the creation of spreadsheets will ensure students have the industry knowledge needed to be successful in the workplace in the future.

### Units of Competence

- BSBITU101 Operate a personal computer
- BSBITU203 Communicate electronically
- BSBINM201 Process and maintain workplace information
- BSBWOR202 Organise and complete daily work activities
- BSBCMM201 Communicate in the workplace
- BSBWOR203 Work effectively with others
- BSBWOR204 Use business technology
- BSBCUS201 Deliver a service to customers
- BSBWHS201 Contribute to health and safety of self and others
- BSBITU306 Design & produce business documents
- BSBITU202 Create and use spreadsheets
- BSBINN201 Contribute to workplace innovation

### Minimum Entrance Requirements

None.

### Further Study

Certificate III and higher in Business and Business Management

## Accounting and Finance ATAR

Course Code ATACF  
University Pathway

**Estimated Cost** **\$50.00**

Based on 2018 pricing

### Course Outline

The Accounting and Finance ATAR course aims to make students financially literate by creating an understanding of the systems and processes through which financial practices and decision making are carried out, as well as the ethical, social and environmental issues involved. It helps students to analyse and make informed decisions about finances.

This course provides students with an understanding of different accounting techniques that are used by business so they can make informed decisions about the growth and stability of their business.

Students learn skills that will be useful to them at home, in the workplace or as background to higher studies in Accounting.

### Topics covered include:

- Concepts, Principles and Practices Integral to the Course
- Cost-Volume-Profit (CVP)
- Cost Accounting
- Capital Investment techniques
- Budgeting
- Companies
- Ratio analysis
- Statement of Cash Flows
- Social Corporate Responsibility and Disclosure

### Skills Outline

Numeracy, Literacy, Problem solving.

### Minimum Entrance Requirements

C Grade in Year 11 ATAR Accounting and Finance

## Business, Management and Enterprise General

Course Code GTBME  
Non-University Pathway

**Estimated Cost** **\$65.00**

Based on 2018 pricing

### Course Outline

This course gives students the opportunity to understand how vital business is to individuals and society, and how it impacts on many aspects of our lives.

The course aims to prepare all students for a future where they will need to identify possibilities and create opportunities within a business environment. It provides students with the ability to make sound and ethical business decisions based on critical thinking, in line with their own and societal values. The course equips students to proactively participate in the dynamic world of business, behave responsibly and demonstrate integrity in business activities.

### Skills Outline

Key concepts covered include understanding:

- how leadership and management function
- how organisational practices, procedures and structures function
- the impact of beliefs and values on business activity
- the impact of economic environments, government policies and legal requirements on business activity
- the impact of technologies on business activity
- How to apply business skills, tools and processes
- How to demonstrate interpersonal skills required for effective business operations
- How to investigate and evaluate innovative and enterprising opportunities

### Minimum Entrance Requirements

C grade in Year 11 Business Management and Enterprise desirable.

## ICT20115 - Certificate II in Information, Digital and Media Technology

Course Code ICT2011  
Non-University Pathway



This course is offered to students under the auspices of The Australian Institute of Commerce and Technology (RTO 2058)

**Estimated Cost** **\$90.00**

Based on 2018 pricing

### Course Outline

This course provides foundation computing and digital media skills. After learning how to use computer operating systems and hardware, students will develop skills in the use of various software applications and gain an understanding of how to work effectively in an IT environment. The course develops computer package skills and professional practice.

### Units of Competency

- Contribute to health and safety of self and others
- Operate application software packages
- Use computer operating systems and hardware
- Work and communicate effectively in an IT environment
- Participate in environmentally sustainable work practises
- Operate a digital media technology package
- Use social media tools for collaboration and engagement
- Participate effectively in WHS communication and consultation processes
- Install and optimise operating systems
- Implement and monitor environmentally sustainable work practises
- Maintain inventories for equipment, software and documentation
- Apply problem-solving techniques to routine malfunctions
- Maintain IT equipment and consumables
- Install software application packages

### Minimum Entrance Requirements

C grade in Year 11 general Computer Science desirable.

## Wood - Material Design and Technology General

Course Code GTMDTW  
Non-University Pathway

**Estimated Cost** **\$130.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

This course is an extension of the principles, practices and fundamentals of design technology taught in year 11 Wood. They will work with a range of new and exciting materials, including the classifications, their properties and suitability.

Students as confident young adults will be encouraged to work independently with their extended knowledge about new design concepts and paradigms to help generate ideas for the production and completion of projects. We will be building on the technological knowledge and practical skills learnt in Year 11 to successfully integrate these elements of design into their work practices.

It is an advantage to have some previous experience in technology processes or have completed the course in year 11 to facilitate a more fluid transition and building on the skills already learnt.

Projects include briefcase and jewellery box.

The course is outlined into three areas materials, design and use of technology

### Minimum Entrance Requirements

C Grade in Year 11 Woodwork desirable.

### Workshop Safety Compliance

**Students are expected to wear safety glasses at all times in the workshop.** Covered shoes are the minimum required standard of footwear.

## Textiles - Material Design and Technology General

Course Code GTMDTT  
Non-University Pathway

**Estimated Cost** **\$92**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs. Students are expected to supply fabric and notions for a personal garment project as a major task.

### Course Outline

The course provides the foundation for lifelong learning about how materials are developed and used in a technological and material world. Students will explore the range and properties of a variety of fabrics focussing on natural fibres. Materials are examined in relation to their personal, social and environmental sustainability.

Students will investigate production processes for natural fibres and the impact production has on the environment, and they will learn to work sustainably.

Students will develop a range of manipulative, processing, manufacturing and organisational skills. They will expand on their existing knowledge of the elements and fundamentals of design through class projects, designing for a specific client, target audience or market. All students are required to participate in a fashion show and will have opportunities for entering fashion competitions.

Activities in this course enhance employability in areas that include textiles and clothing, manufacturing and design.

### Skills outline:

- Pattern drafting and drawing skills
- Construction skills and techniques
- Development of fabric decoration and embellishment and manipulation techniques
- Production management skills
- Portfolio development skills

### Minimum Entrance Requirements

C Grade in Year 11 Textiles desirable.

## Computer Science ATAR

Course Code ATCSC  
University Pathway

**Estimated Cost**                      **\$70.00**

Based on 2018 pricing

### Course Outline

This course is a continuation from Year 11 Computer Science ATAR Course. The emphasis in Year 12 is on database structures and approaches to computer programming. It should be noted that the course concentrates on the theory of computer programming fundamentals, however also includes practical computer programming.

Students will not only learn how to do basic programming but also how to write algorithms.

Students will again be expected to design, implement and evaluate computer based information systems using a variety of productivity and/or programming tools.

This course provides students with a solid basis for further tertiary study in a wide range of disciplines.

### Skills Outline

- Advanced systems analysis
- Advanced skills in Database software
- Hardware and software knowledge
- An understanding of computer programming

### Minimum Entrance Requirements

C Grade in Year 11 ATAR Computer Science.

## Technical Graphics (Design) General

Course Code GTDEST  
Non-University Pathway

**Estimated Cost**                      **\$52.00**

Based on 2018 pricing

### Course Outline

Students learn to use state of the art software to create solutions to design problems. Students participating in the Course will be extending the skill set developed in the Year 11 Course.

Advanced modelling, materials manipulation, lighting and render techniques will be learned and applied to a range of contexts. These include Manufacturing drawing, creating 3D animations in advertising, designing and creating assets for computer games, Architectural Design.

Students learn on the latest versions of industry standard software, including 3Ds Max, Inventor, and Premiere Pro.

The course will be beneficial for students who are looking for careers in the breadth of design areas including product design, 3D visualisation, architecture and engineering. Students currently studying Materials Design and Technology – Wood, would also find the Course advantageous.

### Minimum Entrance Requirements

C Grade in Year 11 Technical Graphics Design desirable.

## Food Science and Technology General

Course Code GTFST  
Non-University Pathway

**Estimated Cost**                      **\$125.00**

Based on 2018 pricing

### Course Outline

#### Unit 3

Explores the societal, lifestyle and economic issues that influence food choices. Students will investigate a range of diet-related health conditions and examine the functional properties that determine the effect food has on the body. They will develop their expertise with technology and communication skills and demonstrate occupational safety and health requirements to produce safe, quality food products. Students learn about:

- Diet-related health conditions
- Nutrition
- Functional properties of food

#### Unit 4

Focuses on food spoilage and contamination and explores reasons for preserving food. Students examine the regulations, which determine the way food is packaged, labeled and stored. Influences of food choices will be investigated, with a focus on nutritional wellbeing that arise from lifestyle and cultural traditions. Students will learn to adapt recipes for specific demographic groups and will use the technology process to address a product proposal and produce a preserved food product. Students learn about:

- Preserving Food and adapting recipes
- Food Laws
- Environmental impact of food provision
- Product proposal
- Sensory properties of food

#### Minimum Entrance Requirements

C grade in Year 11 Food desirable.

## Food Science and Technology ATAR

Course Code ATFST  
University Pathway

**Estimated Cost**                      **\$125.00**

Based on 2018 pricing

### Course Outline

#### Unit 3

Focuses on food consumption patterns and issues of food diversity and equity in Australian society. Investigate biotechnology and the process of genetic modification as well as analysing factors that influence food selection. Influences on the development and production of functional foods, food products, services and systems are examined. Students investigate the principles of the Hazard Analysis Critical Control Point (HACCP) system to manage food safety, and the associated laws and regulatory codes. In both units, students will trial and adapt recipes to devise and produce food products that demonstrate functional properties of food and develop food products. Students evaluate and analyse processes and results, justifying choices and drawing conclusions. Students learn about:

- Food Diversity
- Biotechnology
- HACCP and Laws in the Food Industry
- Technology process to produce food products for analysis

#### Unit 4

Explore how food production systems can provide a sustainable supply of food for current and future world populations. Examine technologies that create innovative food products and investigate influences on global food supply, unequal distribution of food resources and consequences of global food inequity. Influence of food innovation in the development of food products and the impact of food availability, selection, consumption and the nutritional value of food for specific demographic groups are investigated. Students examine the role and responsibility of organisations that control foods imported into Australia and the advertising and marketing laws related to food and beverages. Students learn about:

- Sustainability in Food Industry
- Innovative technologies
- Global Food Supply issues
- Nutrition for specific groups
- Marketing laws

#### Minimum Entrance Requirements

C grade in Year 11 ATAR Food Science.

# CHC22015 - Certificate II in Community Services

Course Code CHC2201  
Non-University Pathway



This course is offered to students under the auspices of The Australian YMCA Institute of Education and Training (RTO 3979)

**Estimated Cost** **\$120.00**

Based on 2018 pricing

## Course Outline

Students who enjoy working with people and helping others would be well suited to this course. The course suits individuals who are interested in pursuing a career in Community Services. Both theory and practical components are included.

Students will work with diverse groups across the community including young children, people with disabilities, senior citizens and people from culturally diverse backgrounds. Completing a First Aid course will also be a component of this certificate.

## Units of Competency include:

- Provide first point of contact
- Communicate and work in health of Community Services
- Work with diverse people
- Organise and complete daily work activities
- Participate in workplace health and safety
- Recognise stages of lifespan development
- Manage personal stress in the workplace
- Use strategies to respond to routine workplace problems
- Provide First Aid

## Minimum Entrance Requirements

None.

## Further Study

Further Training: Certificate III and higher in Health and Community Services, Children's Services, Youth Work, Disability Work or Aged Care.

## Workplace Learning

Endorsed Unit ADWPL

### Estimated Cost

**\$107.00**

Based on 2018 pricing

Includes workshops, employer documentation and student logbook.

### Course Outline

Students will be given an opportunity to develop and demonstrate increasing competence in the core skills for work, often referred to as generic, transferable or employability skills. Students will learn to apply and adapt workplace skills that are necessary to understand and carry out different types of work.

Students must complete an arranged period of time in a suitable workplace, with the work placement day being a Wednesday. Prior to applying for the WPL program, students should ensure that they have read and understood the 2019 Mindarie Senior College Workplace Learning Policy, available from

our website <http://www.mindarie.wa.edu.au/courses/year-12/workplace-learning>

### Core Skills Outline

- Manage career and work life
- Work with roles, rights and protocols
- Communicate for work
- Connect and work with others
- Recognise and utilise diverse perspectives
- Plan and organise
- Make decisions
- Identify and solve problems
- Create and innovate
- Work in the digital world

### Minimum Entrance Requirements

Positive attitude and interest

Completion of the application

## Vocational Education and Training (VET) Opportunities



Mindarie Senior College offers seven internal VET courses:



CRICOS Provider Code: 00020G // RTO 52786

### CUA20215 - Certificate II in Creative Industries (Media)

Two year program commenced in Year 11.

This course offered to students under the auspices of North Metropolitan TAFE.

### CUA31115 - Certificate III in Visual Arts

Two year programs commencing in Year 11

This courses offered to students under the auspices of North Metropolitan TAFE.



### CUA20615 - Certificate II in Music Industry

This course is offered to students under the auspices of the College of Sound and Music Productions, member college of the Australian Centre for Advanced Studies (RTO 50392).



### CHC22015 - Certificate II in Community Services

This course offered to students under the auspices of The Australian YMCA Institute and Training (RTO 3979).

### SIS20115 - Certificate II in Sport and Recreation

This course offered to students under the auspice of The Australian YMCA Institute and Training (RTO 3979).



### ICT20115 - Certificate II in Information, Digital Media and Technology

This course is offered to students under the auspices of The Australian Institute of Commerce and Technology (RTO2058).



### BSB20115 - Certificate II in Business

This course is offered to students under the auspices of Skills Strategies International (RTO2401).

**Complete details of external VET courses on offer in 2019 are not available at the time of publishing.** As information becomes available (approximately mid July), external VET opportunities will be posted on the website.

<http://www.mindarie.wa.edu.au/courses/year-11/vocational-education-and-training-vet-opportunities>

**VET Fee for services courses with an external Training Provider:**

The full cost of these courses is to be met by the parent, with a 50% confirmation charge to be paid to the College prior to enrolment in the course.

**Please note that many of the external VET offerings require a student to commence the program in Year 11, although there are a number of one year programs on offer.**

A range of VET opportunities are available to students and in most instances it is beneficial for VET students to also participate in Workplace Learning. The cost of VET programs varies, with many having no fees, some having a fee for resources and a few charging tuition fees.

It is important that students and parents understand that if a student chooses to participate in a VET program, the student may miss classes at MSC. It is a condition of participation that the student keeps up with all aspects of his/her program of study. VET programs count as a course /unit equivalent towards WACE and participating students may be allowed to reduce their course load to give them the greatest opportunity to succeed.

### School Based Traineeships (SBTs)

A school-based traineeship is approximately a 12 to 18 month commitment. Once the contracts are signed, students are employees and are paid a training wage for the on-the-job component of their traineeship. Successful candidates complete a Certificate II or III in their industry area, which will count towards their WACE and therefore allows a reduction in the number of courses the student studies at MSC. School-based traineeship opportunities are advertised as they arise. SBT's involve employers and are managed by industry representatives and the College. Students usually undergo a trial period with an employer and, if successful, may commence a traineeship.

Mindarie Senior College staff will assist and support any student who arranges to commence a school-based traineeship with an employer. Not all industry areas have school-based traineeships.

### School Based Apprenticeships

A school based apprentice can commence in Year 11 or Year 12, and starts an apprenticeship whilst still at school. The student will develop skills and get paid whilst getting ready for a career in the workforce, as well as working towards WACE and an industry recognised qualification.

Students would generally work for one or two days per week for one semester and also incorporate further training with a Training Provider. Further information is available at [www.dtwd.wa.gov.au](http://www.dtwd.wa.gov.au).

Mindarie Senior College staff will assist and support any student who arranges to commence a school-based apprenticeship with an employer. Not all industry areas have school-based apprenticeships.

## Health Studies General

Course Code GTHEA  
Non-University Pathway

**Estimated Cost** \$91  
Based on 2018 pricing

### Course Outline

Courses in Health Studies are designed for those students interested in pursuing a pathway to Health, Social and Community Services fields of employment. Health Studies facilitates the development of knowledge, understanding and skills necessary to promote an understanding of the importance of personal and community action in promoting health. The influence of social, environmental, economic and biological determinants of health is a key focus of the course. Other course content includes the influence of beliefs, attitudes and values on health behaviour, and the importance of self-management and interpersonal skills in making healthy decisions.

#### The Health issues of concern which this unit examines are:

- Determinants of Health
- Community Health
- Health Promotion
- Preventative Health Care
- Ethical Health Issues
- Self Management and Interpersonal Skills

To complement the theoretical side of this course, students will participate in a number of engaging and interactive sessions throughout the year, including regular guest speakers.

#### Minimum Entrance Requirements

None.

#### Further Study

Health, Social and Community Services and related TAFE courses.

## Health Studies ATAR

Course Code ATHEA  
University Pathway

**Estimated Cost** \$91  
Based on 2018 pricing

### Course Outline

The focus of this course is on the study of health as a dynamic quality of human life. Students undertaking this course develop the knowledge, understanding and skills necessary to promote an understanding of the importance of personal and community action in promoting health.

The Units 3 and 4 will run concurrently. The focus of these units is understanding the health of specific populations and reasons why some groups do not enjoy the same level of health as the general population. Local, regional and global challenges to health will be discovered. Students learn about factors creating these disparities and ways of improving the health and wellbeing of specific groups. Students will look at the impact of determinants on global health inequities and explore approaches to address barriers preventing groups from experiencing better health. Students apply inquiry skills to examine and interpret data, and explain and respond to inequities in health.

#### Content areas include:

- Holistic health
- Principles, frameworks, models and theories
- Actions and strategies
- Consumer health
- Beliefs, attitudes and values
- Social and cultural norms
- Self-management and Interpersonal skills
- Health inquiry

#### Assessment

Students will complete a variety of tasks including exams, which will allow achievement in all four outcomes.

#### Minimum Entrance Requirements

C Grade in Year 11 ATAR Health Studies.

#### Further Study

This course enables students to pursue further formal study in areas such as health promotion, community health research and policy development, humanitarian aid work, allied health practices, education and the health profession.

## Outdoor Education General

Course Code GTOED  
Non-University Pathway

**Estimated Cost** **\$130**  
Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

This course focuses on building confidence in the outdoors and outdoor leadership. Students will:

- Understand basic planning and organisational requirements.
- Develop camping, survival and navigation skills.
- Develop risk management principles, safe practice development and emergency response procedures.
- Develop personal and interpersonal skills.
- Increase their environmental awareness through study of the natural environment, the concept of wilderness and the impact of technology.
- Gain their Recreational Skippers Ticket.

### Skills Outline

This may include: Stand Up Paddle Boarding; Snorkelling; Abseiling/Roping and Rock Climbing; camping and bushcraft; navigation; hiking; expedition planning and experience. The availability of resources and the specific expertise of the teacher will determine the experiences chosen for each class.

**NOTE:** Students are required to attend expeditions during which they will be assessed on course outcomes. This includes two, 3-day expeditions and a one day excursion. The expeditions are just prior to the end of semester exams and students will need to be organised to keep up with work in other courses.

### Minimum Entrance Requirements

As much of the unit is water based it is essential that students have the ability to swim 200m continuously in open water. Students should have a passion for outdoor pursuits and it is highly recommended that students have a good level of fitness, as this course is physically challenging.

### Further Study

Training courses in Sport & Recreation

## Physical Education Studies ATAR

Course Code ATPES  
University Pathway

**Estimated Cost** **\$150**  
Based on 2018 pricing

### Course Outline

This course covers a range of sports science topics. Knowledge is gained through both theoretical and practical experiences. The course time is divided between theoretical and practical components. However, the course is weighted 70/30 in favour of the theory component of the course. Students will be required to sit both theory and practical exams. For this reason, physical prowess alone will not be sufficient to be successful in this course.

Students are required to actively participate in all modules of the course to the best of their ability.

Practical modules selected for each class will include soccer and netball.

### Unit content:

- Functional Anatomy
- Exercise Physiology
- Biomechanics
- Motor Learning and Coaching and Sport Psychology
- Developing physical skills, strategies and tactics

### Minimum Entrance Requirements

C Grade in Year 11 ATAR Physical Education.

### Further Study

The course prepares students for a variety of tertiary studies, including Sports Science, Exercise & Health, Human Movement, and Physical Education Teaching.

# SIS20115 - Certificate II in Sport and Recreation

Course Code SIS2011  
Non-University Pathway



This course is offered to students under the auspice of the Australian YMCA Institute of Education and Training (RTO 3979)

**Estimated Cost** **\$131**

Based on 2018 pricing

## Course Outline

This course is designed for students with a genuine interest in Sport and Recreation. It prepares them for potential employment in the industry and gives students the opportunity to plan and conduct sport and recreation sessions. The course comprises of 50% practical and 50% theoretical work.

The practical modules selected for each class will be dependent upon the specific expertise of the teacher and resources and facilities available to the class. They may include; Floor Hockey; Cricket/Indoor Cricket; Volleyball; Lawn Bowls; Softball; Soccer; Squash.

## Unit content:

5 compulsory core units and 8 elective units; including First Aid qualification, Workplace health and safety, Sports medicine certificates, Coaching sport and recreation sessions.

The course prepares students for a variety of post-school pathways, including immediate employment or Certificate Courses at TAFE. It provides students with a range of employment opportunities in the sport, leisure and recreation industries, education, sport development, youth work and health and medical fields linked to physical activity and sport. The course also equips students to take on volunteer and leadership roles in community activities.

## Minimum Entrance Requirements

None.

## Further Study

Certificate IV in Sport & Recreation, Certificate III and higher in Fitness.

## Mathematics Courses - Year 12

There are four Mathematics courses from which students may choose at Mindarie SC, one General and three ATAR. Please note: Mathematics Foundations is only available to students who are Category 1 in their most recent OLNA Numeracy and will only run if there are sufficient numbers for a class. The courses are differentiated, each focusing on a pathway that will meet the learning needs of a particular group of senior students.

The Mathematics course you choose will depend on the Mathematics course you are doing in Year 11, your level of success in that course and if you are considering a tertiary qualification which has mathematics prerequisites.

### Pathways for Mathematics

Mathematics	
Year 11 Units	Year 12 Units
Methods 1 + 2 AEMAM	Methods 3 + 4 ATMAM
Applications 1 + 2 AEMAA	Applications 3 + 4 ATMAA
Essentials 1 + 2 GEMAE	Essentials 3 + 4 GTMAE
Foundation 1 + 2 FEMAT	Foundation 3+4 FTMAT

Mathematics: Specialist	
Year 11 Units	Year 12 Units
Specialist 1 + 2 AEMAS	Specialist 3 + 4 ATMAS

Mathematics: General courses	Minimum Entrance Requirement
Mathematics Essentials: GTMAE	It is recommended that students have achieved success in Essentials 1 and 2. Alternatively students should have attempted Applications 1 and 2.

Mathematics: ATAR courses	Minimum Entrance Requirement
Mathematics Applications: ATMAA	It is recommended that students have achieved success in Applications 1 and 2. Alternatively students should have attempted Methods 1 and 2.
Mathematics Methods: ATMAM	It is recommended that students have achieved success in Methods 1 and 2.
Mathematics Specialist: ATMAS	It is recommended that students have achieved success in Specialist 1 and 2. This course <b>must</b> be studied in conjunction with Mathematics Methods, it is not a stand-alone course.

## Mathematics Essentials General

Course Code GTMAE  
Non University Pathway

**Estimated Cost** **\$79.00**

Based on 2018 pricing  
A scientific calculator is required for this course.

### Course Outline

This course focuses on enabling students to use mathematics effectively, efficiently and critically to make informed decisions. It provides students with the mathematical knowledge, skills and understanding to solve problems in real contexts for a range of workplace, personal, further learning and community settings. This course provides the opportunity for students to prepare for post-school options of employment and further training.

The Mathematics Essentials General course aims to develop students capacity, disposition and confidence to:

- understand concepts and techniques drawn from mathematics and statistics
- solve applied problems using concepts and techniques drawn from mathematics and statistics
- use reasoning and interpretive skills in mathematical and statistical contexts
- communicate in a concise and systematic manner using appropriate mathematical and statistical language
- choose and use technology appropriately.

### Minimum Entrance Requirements

Year 11 Mathematics Essentials.

## Mathematics Applications ATAR

Course Code ATMAA  
University Pathway

**Estimated Cost** **\$50.00**

Based on 2018 pricing  
A CASIO CAS calculator is required for this course.

### Course Outline

The Mathematics Applications course is designed for students who want to extend their mathematical skills beyond Year 10 level, but whose future studies or employment pathways do not require knowledge of calculus. The course is designed for students who have a wide range of educational and employment aspirations, including continuing their studies at university or TAFE.

The Mathematics Applications ATAR course aims to develop students:

- understanding of concepts from number and algebra, geometry and trigonometry, graphs and networks, and statistics
- reasoning and interpretive skills in mathematical and statistical contexts
- capacity to communicate the results of a mathematical problem-solving activity in a concise manner using appropriate mathematical and statistical language
- capacity to choose and use technology appropriately and efficiently.

### Minimum Entrance Requirements

Successful completion of Year 11 ATAR Mathematics Applications.

### Further Study

Most tertiary studies with little mathematical components.

## Mathematics Methods ATAR

Course Code ATMAM  
University Pathway

**Estimated Cost** **\$50.00**

Based on 2018 pricing  
A CASIO CAS calculator is required for this course.

### Course Outline

This course is designed for students whose future pathways may involve mathematics and statistics and their applications in a range of disciplines at the tertiary level. This includes further studies in the health and social sciences. The major themes of the Mathematics Methods course are calculus and statistics.

The Mathematics Methods course aims to develop students:

- understanding of concepts and techniques drawn from algebra, the study of functions, calculus, probability and statistics
- ability to solve applied problems using concepts and techniques drawn from algebra, functions, calculus, probability and statistics
- reasoning in mathematical and statistical contexts and interpretation of mathematical and statistical information, including ascertaining the reasonableness of solutions to problems
- capacity to communicate in a concise and systematic manner using appropriate mathematical and statistical language
- capacity to choose and use technology appropriately and efficiently.

### Minimum Entrance Requirements

Successful completion of Year 11 ATAR Mathematics Methods.

### Further Study

Almost all tertiary education courses.

## Mathematics Specialist ATAR

Course Code ATMAS  
University Pathway

This course **MUST** be studied with Mathematics Methods. It cannot be studied as a stand-alone course.

**Estimated Cost** **\$50.00**

Based on 2018 pricing  
A CASIO CAS calculator is required for this course.

### Course Outline

The Mathematics Specialist course provides opportunities, beyond those presented in the Mathematics Methods course, to develop rigorous mathematical arguments and proofs, and to use mathematical and statistical models more extensively.

The Mathematics Specialist course aims to develop students:

- understanding of concepts and techniques drawn from combinatorics, geometry, trigonometry, complex numbers, vectors, matrices, calculus and statistics
- ability to solve applied problems using concepts and techniques drawn from combinatorics, geometry, trigonometry, complex numbers, vectors, matrices, calculus and statistics
- capacity to choose and use technology appropriately reasoning in, and interpretation of, mathematical and statistical information
- capacity to communicate in a systematic manner using appropriate mathematical language
- ability to construct proofs.

### Minimum Entrance Requirements

Successful completion of Year 11 ATAR Mathematics Specialist.

### Further Study

The course will lay the foundations for future studies in quantitative subjects at a tertiary level.

## Biology ATAR

Course Code ATBLY  
University Pathway

**Estimated Cost** **\$50.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

Biology is the study of the diversity of life as it has evolved and as it interacts and functions. Investigation of biological systems and their interactions, from cellular processes to ecosystem dynamics, has led to biological knowledge and understanding that enable us to explore and explain everyday observations, find solutions to biological issues, and understand the processes of biological continuity and change over time. Biology provides a foundation for students to critically consider and to make informed decisions about contemporary biological issues.

Understanding of biological concepts, as well as general science knowledge and skills, is relevant to a range of careers, including those in medical, veterinary, food and marine sciences, agriculture, biotechnology, environmental rehabilitation, biosecurity, quarantine, conservation and eco-tourism.

### Unit 3 – Continuity of species

Students investigate mechanisms of heredity and the ways in which inheritance patterns can be explained, modelled and predicted; they connect these patterns to population dynamics and apply the theory of evolution by natural selection in populations.

### Unit 4 – Surviving in a changing environment

Investigation of system change and continuity in response to changing conditions and pathogens; homeostasis and the transmission and impact of infectious disease; considering the factors that encourage or reduce the spread of infectious disease at the population level.

### Minimum Entrance Requirements

C grade in Year 11 ATAR Biology.

## Chemistry ATAR

Course Code ATCHE  
University Pathway

**Estimated Cost** **\$50.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

This course develops students' understanding of the key chemical concepts and models of structure, bonding, and chemical change, including the role of chemical, electrical and thermal energy. Students learn how models of structure and bonding enable chemists to predict properties and reactions and to adapt these for particular purposes. Students recognise hazards and make informed, decisions about chemical use and sustainable resource management. Investigations and laboratory activities develop an appreciation of the need for precision, critical analysis and informed decision making.

Understanding chemistry is relevant to a range of careers, including those in forensic and environmental science, engineering, medicine, dentistry, pharmacy and sports science.

### Unit 3 – Equilibrium, acids and bases, and redox reactions

Students investigate the concept of reversibility of reactions and the dynamic nature of equilibrium in chemical systems; contemporary models of acid-base behaviour that explain their properties and uses; and the principles of oxidation and reduction reactions, including the generation of electricity from electrochemical cells.

### Unit 4 – Organic chemistry and chemical synthesis

Students develop their understanding of the relationship between the structure, properties and chemical reactions of different organic functional groups. Students also investigate the process of chemical synthesis to form useful substances and products and the need to consider a range of factors in the design of these processes.

### Minimum Entrance Requirements

Successful completion of Year 11 ATAR Chemistry.

## Human Biology General

Course Code GTHBY  
Non-University Pathway

**Estimated Cost** **\$50.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

The Human Biology General course gives students an opportunity to learn about themselves; relating the structure of the different body systems to their function and understanding the interdependence of these systems in maintaining life.

Students will engage in activities exploring the coordination of the musculoskeletal, nervous and endocrine systems. They explore the various methods of transmission of diseases and the responses of the human immune system.

An understanding of human biology is valuable for a variety of career paths. The course content deals directly and indirectly with many different occupations in areas, such as sport science, childcare, food and hospitality and health education.

The Year 12 syllabus is divided into two units:

#### Unit 3 – Coordination

Explores bones, muscles, nerves and hormones and how they maintain the body to act in a coordinated manner.

#### Unit 4 – Infectious disease

Explores the causes and spread of disease and how humans respond to invading pathogens.

#### Minimum Entrance Requirements

An understanding of the Year 11 content is assumed knowledge for students in Year 12. It is recommended that students studying Year 12 Human Biology have completed Year 11 General or ATAR Human Biology.

## Human Biology ATAR

Course Code ATHBY  
University Pathway

**Estimated Cost** **\$50.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

Human biology covers a wide range of ideas relating to the functioning human. Students learn about themselves, relating structure to function and how integrated regulation allows individuals to survive in a changing environment. They research new discoveries that are increasing our understanding of the causes of dysfunction, which can lead to new treatments and preventative measures.

Through a combination of classical genetics, and advances in molecular genetics, dynamic new biotechnological processes have resulted. Population genetics is studied to highlight the longer term changes leading to natural selection and evolution of our species.

An understanding of human biology is valuable for a variety of career paths. The course content deals directly and indirectly with many different occupations in fields, such as science education, medical and paramedical fields, food and hospitality, childcare, sport and social work.

The Year 12 syllabus is divided into two units:

#### Unit 3 - Homeostasis and disease

This unit explores the nervous and endocrine systems and the mechanisms that help maintain the systems of the body to function within normal range, and the body's immune responses to invading pathogens.

#### Unit 4 – Human variation and evolution

This unit explores the variations in humans, their changing environment and evolutionary trends in hominids.

#### Minimum Entrance Requirements

Successful completion of Year 11 ATAR Human Biology.

## Integrated Science General

Course Code GTISC  
Non-University Pathway

**Estimated Cost** **\$79.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

This General course enables students to investigate science issues in the context of the world around them. It encourages students to develop their scientific skills of observation, collection and analysis of evidence, in a range of contexts.

The multidisciplinary approach, including aspects of biology, chemistry, geology and physics, further encourages students to be curious about the world around them and assume a balanced view of the benefits and challenges presented by science and technology. Students conduct practical investigations that encourage them to apply what they have learnt in class to real-world situations and systems.

### Unit 3

The emphasis of this unit is on biological and Earth systems, focusing on the following topics:

- interrelationships between Earth systems
- structure and function of biological systems
- ecosystems and sustainability
- species continuity and change.

### Unit 4

The emphasis of this unit is on physical and chemical systems, focusing on the following topics:

- chemical reactions
- mixtures and solutions
- motion and forces
- energy.

### Minimum Entrance Requirements

An understanding of the Year 11 content is assumed knowledge for students in Year 12.

## Integrated Science ATAR

Course Code ATISC  
University Pathway

**Estimated Cost** **\$79.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

This course encourages students to be questioning, reflective and critical thinkers about scientific issues. The course is based on an integrated view of scientific knowledge that draws on the traditional disciplines of science and new scientific technology to enable students to investigate issues that are interesting and relevant in a modern world.

This course provides opportunities for students to consider contemporary scientific developments. This enables them to make informed judgements and decisions about questions that directly affect their lives and the lives of others. This course is inclusive and aims to be attractive to students with a wide variety of backgrounds, interests and career aspirations.

### Unit 3 – Water

Through an integrated, scientific approach, this unit focuses on water as a resource and its importance to life on Earth. Students investigate how water resources are under threat from pollution, over-use and a changing global climate.

### Unit 4 – Energy

This unit focuses on energy, energy uses, energy production and sustainability of energy resources, through an integrated scientific approach. Students are involved in a detailed study of energy resources, alternatives, and the outcomes of the continued reliance on fossil fuels. Students are encouraged to make informed opinions about energy generation, distribution and use.

### Minimum Entrance Requirements

Successful completion of Year 11 Integrated Science, Chemistry or Physics.

## Physics ATAR

Course Code ATPHY  
University Pathway

**Estimated Cost** **\$50.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

The Physics ATAR course uses qualitative and quantitative models and theories based on physical laws to visualise, explain and predict physical phenomena. Models, laws and theories are developed from, and their predictions are tested by, making observations and quantitative measurements.

Students will gather, analyse and interpret primary and secondary data to investigate a range of phenomena and technologies using some of the most important models, laws and theories of physics, including the kinetic particle model, the atomic model, electromagnetic theory, and the laws of classical mechanics.

The Physics ATAR course will provide a foundation in physics knowledge, understanding and skills for those students who wish to pursue tertiary study in science, engineering, medicine and technology.

#### Unit 3 Gravity and electromagnetism

Students investigate models of motion in gravitational, electric and magnetic fields to explain how forces act at a distance.

#### Unit 4 Revolutions in modern physics

Students use the theory of electromagnetism to explain the production and propagation of electromagnetic waves and investigate how shortcomings in existing theories led to the development of the quantum theory of light and matter, the Special Theory of Relativity, and the Standard Model of particle physics.

#### Minimum Entrance Requirements

A thorough understanding of Year 11 ATAR Physics is essential.

## Psychology ATAR

Course Code ATPSY  
University Pathway

**Estimated Cost** **\$50.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

Through this course, students gain valuable insights and understandings into both themselves and their world. Methods of communication studied enhance personal communication skills, both within the field of psychology and in the context of daily life.

Students also develop important research skills as they engage in the exploration and evaluation of data to illustrate how empirical procedures are used to examine phenomena such as intelligence and personality.

The study of psychology is highly relevant to further studies in the health professions; education, human resources, social sciences, sales, media and marketing and management.

The Year 12 syllabus is divided into two units:

#### Unit 3

This unit focuses on the functions of the lobes of the cerebral cortex and examines how messages are transmitted from the brain to the body. It explores how behaviour is influenced by learning and the impact of others on individual behaviour.

#### Unit 4

This unit focuses on developmental and contemporary personality theories, and behaviours observed when individuals are examined in the social context. Students analyse the causes of conformity and obedience and gain an understanding of the factors that shape a sense of community. Students continue to develop their understanding and application of psychological research methods.

#### Minimum Entrance Requirements

Successful completion of Year 11 Psychology ATAR.

## Economics ATAR

Course Code ATECO  
University Pathway

**Estimated Cost** **\$50.00**  
Based on 2018 pricing

### Course Outline

#### Unit 3

Explores the linkages between economies and the concepts of globalisation, trade liberalisation and protection in relation to the Australian economy. Students examine Australia's trade, the recording of international transactions and the impact of these transactions on the Australian economy.

Students examine the effects of changes in Australia's economic transactions with the rest of the world using recent (the last ten years) and contemporary (the last three years) economic data, together with economic models.

#### Unit 4

Explores how economic policies and actions, such as fiscal policy, monetary policy and microeconomic policy operate in the pursuit of the Australian Government's economic objectives. Students examine the effects of the operation of policies in Australia using economic models along with recent (the last ten years) and contemporary (the last three years) economic data. Students apply the language, theories and tools of economics to develop a critical perspective on the role of these policies in the current Australian Government policy mix.

### Skills Outline

Economics develops the knowledge, reasoning and interpretation skills that form an important component of understanding individual, business and government behaviour at the local, national and global levels.

### Minimum Entrance Requirements

C Grade in Year 11 Economics.

## Politics and Law ATAR

Course Code ATPAL  
University Pathway

**Estimated Cost** **\$50.00**  
Based on 2018 pricing

See Additional Cost Item Information Sheet for additional costs.

### Course Outline

This Course is a critical study of the processes of decision-making concerning society's collective future. Students will examine various aspects of the Commonwealth Constitution, including the roles and powers of the legislative, executive and judicial branches of government, with a comparison to a non-Westminster system; the influence of individuals, political parties and pressure groups on the law making process of parliament and the courts.

Students will also examine how rights are protected, and democratic principles can be upheld and/or undermined. This Course is designed to provide students with the skills to positively contribute and make informed decisions when it comes to their interactions with the Australian political and legal system.

#### Unit 3: Political and legal power

Primary focus: on the establishment of the Australian Commonwealth Constitution, the various countries that influenced the make-up of the Australian Constitution and the changing nature of Australia's approach to federalism. Students will also critically analyse the role of the High Court of Australia, with contemporary case law studies.

#### Unit 4: Accountability and rights

Accountability of our elected and appointed officials, as well as the protection of the people's rights. Students will critically examine these processes in both the United States of America and Fiji in order to compare and contrast the Australian experience.

### Minimum Entrance Requirements

C Grade Year 11 Politics and Law.

## Geography General

Course Code GTGEO  
Non-University Pathway

**Estimated Cost** **\$79.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

Geography Units 3 and 4 focus on hazards and impact minimisation as well as globalisation of products and culture throughout the world.

In **Unit 3**, the focus will be explored through the contexts of earthquakes and tsunamis and ecological hazards (infectious diseases such as Ebola) including how they are caused, the impacts that these hazards have on the natural and cultural environment and the policies being put in place to minimise the risk of these hazards in the future.

The theme of **Unit 4** is that of global networks and interconnections and how a product or good (McDonald's) and an element of culture (Pop music) have globalised and spread around the world and the impacts of this. Units 3 and 4 require students to participate in fieldwork activities involving conducting surveys, fieldwork to McDonald's and interviews with experts in their field, which are compulsory and assessable items.

### Skills Outline

This course aims to enable students to develop a variety of skills related to the formulation, investigation and presentation of geographical information, including the ability to:

- Think critically
- Conduct research and evaluate information
- Debate geographical issues
- Form conclusions and
- Collect and collate data

### Minimum Entrance Requirements

None.

## Geography ATAR

Course Code ATGEO  
University Pathway

**Estimated Cost** **\$79.00**

Based on 2018 pricing  
See Additional Cost Item Information Sheet for additional costs.

### Course Outline

These units focus on the changing environment and the planning of sustainable cities.

**Unit 3** focuses on the changing biophysical environment on Earth, including local and world examples, and how human activities lead to a changing environment and ultimately climate change.

**Unit 4** investigates the current challenge that exists in designing urban places that are productive, vibrant and sustainable. This unit has two contexts: Perth and New York City.

The study of these units helps to develop students' investigation, communication and analytical skills in order to come to a balanced judgement and/or solution to complex issues that face the global human population.

Fieldwork, mapping and practical skills are important components of the Course.

### Skills Outline

The Course aims to enable students to:

- Interrelate the physical and human characteristics of place
- Develop mapping and practical skills
- Develop fieldwork skills necessary to gain an understanding of place, process and issues

### Minimum Entry Requirement:

C Grade in Year 11 Geography, Economics, Political & Legal Studies, or History.

### Further Study

Geography is a good preparation for several university courses and TAFE courses in Mapping, Mining, Travel and Tourism, Primary Industry, Science & Technical courses.

## Modern History General

Course Code GTHIM  
University Pathway

**Estimated Cost** **\$79.00**  
Based on 2018 pricing

### Course Outline

The course is delivered within two different units through the College year:

#### Unit 3

Societies and Change is taught within the context of the USA between the wars 1918 to 1941. Students will learn the transition of Great Britain from an agrarian to an industrial based society. Students will also learn about the key individuals and institutions that supported and opposed this profound evolution of thinking and ideas. Students should note that this unit will incorporate an externally set task.

#### Unit 4

Historical Trends and Movements focuses upon the following context: The Civil Rights Movement in the USA 1941 to 1971. Students will learn about the historical trends behind the evolution of the US Civil Rights Movement and the strategies employed by key figures such as Malcolm X and Martin Luther King Jnr. to achieve these changes.

#### Skills Outline

- Chronology, terms and concepts
- Historical questions and research
- Analysis and use of sources
- Perspectives and interpretations
- Explanation and communication

#### Understandings:

- Elements of a society at the start of the period
- Key people, ideas and events over the period
- Consequences of continuity and change over the period

#### Minimum Entrance Requirements:

Sound writing and reading skills.

## Modern History ATAR

Course Code ATHIM  
University Pathway

**Estimated Cost** **\$50.00**  
Based on 2018 pricing

### Course Outline

This course is delivered within two different units through the College year:

#### Unit 3

Modern Nations in the 20<sup>th</sup> Century encompasses the historical context of Russia and the Soviet Union 1914 to 1945, examining the characteristics of Tsarist Russia and its transition to communism. Students will explore the ways in which the nation dealt with internal divisions and external threats, to emerge with a deeper understanding of the character of Soviet society.

#### Unit 4

The Modern World since 1945 focuses on Australia's engagement with Asia from 1939 to the end of the 20<sup>th</sup> Century, addressing the emergence of Asia as a significant international political and economic force, and the nature of engagement by and with Australia.

#### Skills Outline

- Chronology, terms and concepts
- Historical questions and research
- Analysis and use of sources
- Perspectives and interpretations
- Explanation and communication

#### Understandings:

- Australia's engagement with Asia
- The impact of: Economic, External forces/ international relations, Ideas, Leadership, Political and Social/ cultural factors.

#### Minimum Entrance Requirements:

C Grade in Year 11 Modern History ATAR.

**Neither List A or List B for the purposes of Y11/12 course combination selections**

**(VET or GENVET at Mindarie Senior College)**

BSB20115 VET	BSB20115 - Certificate II in Business	ADWPL	Workplace Learning
CHC22015 VET	CHC22015 - Certificate II in Community Services	CUA20215 VET	CUA20215 - Certificate II in Creative Industries
CUA31115 VET	CUA31115 - Certificate III in Visual Arts	ICT20115 VET	ICT20115 - Certificate II in Information, Digital and Media Technology
CUA20615 VET	CUA20615 - Certificate II in Music Industry	SIS20115 VET	SIS20115 - Certificate II in Sport and Recreation

**Appendix A: Mindarie SC List A and List B courses for breadth of study**

To meet the breadth and depth requirement for secondary graduation (WACE), students must study at least one List A and at least one List B course in Year 11 and 12.

List A (arts/languages/social sciences)		List B (mathematics/science/technology)	
HIA	<b>Ancient History</b>	ACF	<b>Accounting and Finance ATAR</b>
BME	<b>Business, Management and Enterprise</b>	BIO	<b>Biology</b>
DAN	<b>Dance</b>	CHE	<b>Chemistry</b>
DRA	<b>Drama</b>	DES	<b>Design – Technical Graphics, Photography</b>
ECO	<b>Economics</b>	CSC	<b>Computer Science ATAR</b>
ENG	<b>English</b>	FST	<b>Food Science &amp; Technology</b>
LIT	<b>Literature</b>	HBY	<b>Human Biology</b>
GEO	<b>Geography</b>	ISC	<b>Integrated Science</b>
HEA	<b>Health Studies</b>	Various codes	<b>Mathematics (MAT,MAS,MAE,MAA)</b>
MPA	<b>Media Production &amp; Analysis</b>	OED	<b>Outdoor Education</b>
HIM	<b>Modern History</b>	PES	<b>Physical Education Studies ATAR</b>
PAL	<b>Politics And Law</b>	PHY	<b>Physics</b>
VAR	<b>Visual Arts</b>	PSY	<b>Psychology</b>
		MDT	<b>Materials Design And Technology Wood or Textiles</b>

## Appendix B: ADDITIONAL COST ITEM INFORMATION FOR SELECTED COURSES in 2019

The following information refers to the costs charged to attend additional activities for the Year 11 and 12 education programs. Students are expected to attend and participate in the activities for their courses. These additional costs are not covered in the Course Charges.

The charges listed below are an estimation of the maximum parents will be required to pay for learning area activities and other general items during 2019. **These costs are based on 2018 pricing and subject to change.** The teaching staff will aim to keep costs as low as possible.

Please note that unforeseen opportunities to enhance your child's learning and understanding do occur each year. Students may be offered such opportunities for voluntary participation with consequent additional costs.

The extra cost activities have been approved by the College Board and are as follows:

Course	Activity	Charge
<b>Arts</b>		
Visual Art Year 11 ATAR:	Students who undertake projects that exceed their allowance are expected to pay for extra materials. Excursion – (one per year)	up to \$ 30.00
Visual Art Year 12 ATAR:	Students who undertake projects that exceed their allowance are expected to pay for extra materials. Excursion – (one per year)	up to \$ 20.00
Certificate III Visual Art & Contemporary Craft:	Incursion - Skills workshop (one per year) Excursion – (one per year)	up to \$ 20.00 up to \$ 30.00
Drama ATAR and General:	Excursion – (up to three per year)	each up to \$ 30.00
Music General and Cert II:	Excursion – (one per year)	up to \$ 30.00
Media Production and Analysis General and ATAR:	Excursion – (one per year)	up to \$ 35.00
Dance General and ATAR	Excursion - (one per year) Costumes as required (per unit)	up to \$ 35.00 up to \$ 30.00
	A select group of students across the ARTS learning area may attend a specialist ARTS Camp	up to \$160.00
<b>Careers</b>		
Year 11	University Information Day excursion	up to \$ 15.00
<b>VET Courses</b>		
<i>Vocational Education and Training (VET) Fee for service courses with and external Training provider</i>	The full cost of a course is to be met by the parent, with a 50% confirmation deposit to be paid to the College upon acceptance into the course, and the remaining balance to be paid in full prior the commencement date.	up to \$ 3,000.00
<b>Physical Education</b>		
Year 11 General Outdoor Education:	Semester 1 Camp Semester 2 Camp	up to \$ 50.00 up to \$ 60.00
Year 12 General Outdoor Education:	Semester 1 Camp Semester 2 Camp	up to \$ 80.00 up to \$120.00

**Appendix B (cont): ADDITIONAL COST ITEM INFORMATION FOR SELECTED COURSES IN 2018**

<b>Course</b>	<b>Activity</b>	<b>Charge</b>
<b>Humanities</b>		
<b>Year 11</b>		
Geography General:	Field Trip (two per year)	up to \$100.00
Geography ATAR:	Field Trip	up to \$ 40.00
Politics and Law ATAR:	Excursion	up to \$ 40.00
<b>Year 12</b>		
Geography General:	Field trip (one per year)	up to \$ 50.00
Geography ATAR:	Field trip / camp	up to \$200.00
Politics and Law ATAR:	Excursion	up to \$ 40.00
<b>Maths/Science</b>		
Human Biology:	Excursion (up to two per year)	each up to \$ 30.00
Chemistry:	Excursion (up to two per year)	each up to \$ 30.00
Integrated Science:	Excursion (up to two per year)	each up to \$ 30.00
Biology:	Excursion (up to two per year)	each up to \$ 35.00
Physics:	Excursion (up to two per year)	each up to \$ 35.00
Psychology:	Excursion (up to two per year)	each up to \$ 30.00
<b>Technology &amp; Enterprise</b>		
Design and Technology: Wood	Students who undertake projects, which exceed their school charge allowance are expected to pay for extra materials	up to \$ 20.00
Year 11 & 12 Materials Design & Technology: Textiles	Students who undertake projects for fabric design briefs which exceed their course charge allowance will be required to supply their own materials. 3 metres fabric	up to \$ 20.00
Food Science ATAR Year 12		up to \$25.00
<b>General</b>		
Printing:	Students are expected to pay for excess printing above their allocation - 20 black & white A4 single sided sheets	\$ 2.00
Year 11 Orientation Day:	Held in Term 1	approx \$ 30.00
Year 12 College Ball:	Held in Term 3	approx \$ 140.00
Year 12 Leavers Jackets:	To be ordered and paid for in Term 4 of Year 11 or Term 1 of Year 12	approx \$ 92.00
Year 12 Leavers Breakfast:	Held in Term 4	approx \$ 20.00
Year 12 Presentation Evening:	Held in Term 4	approx \$ 25.00
<b>Mastermind Exam Preparation Program</b>		
Through our partnership with Mastermind Australia, and subsidies provided by the College, ATAR students receive the greatly reduced price of approx. \$100 per subject for 10 hours of tuition (reduced from \$270). ATAR students are encouraged to take up this offer of revision and exam preparation courses available during Term College breaks.		approx \$100.00 10 hours per subject

## Appendix C - Online Course Selection Preparation Template

### Online Course Selection Preparation Template-Student Name:

Course selections can only be made online. This form is to assist students to prepare *prior* to entering his/her course selections online. Enrolled students and their parent/guardian will be notified of the process to enter the student's course selections online.

Number preferred courses (1 to 6) and your reserve course (7) in the light grey boxes  below.  
 All students must study an English course. It is recommended that students study a  Maths course.  
 ATAR Pathway (University) Students: *Select at least 5 University Pathway courses.*  
 General Pathway Students must select *at least one (maximum of two)* VET or GENVET courses.

Prefer-ences	General/VET/GENVET	ATAR (University)
<b>English</b>		
	English General	
		English - ATAR
		Literature - ATAR
<b>Arts</b>		
	Dance General	
		Dance ATAR
	Drama General	
		Drama ATAR
	Media Production & Analysis General	
		Media Production & Analysis ATAR
	CUA20215 Certificate II in Creative Industries	
	CUA31115 Certificate III in Visual Art	
	Photography – Design	
	Certificate II in Music Industry	
		Visual Art ATAR
<b>Technology and Enterprise</b>		
	BSB20115 Certificate II in Business	
	ICT20115 Certificate II Information Digital & Media Technology	
	Business, Management and Enterprise General	
	CHC22015 Certificate II Community Services	
		Accounting & Finance ATAR
		Computer Science ATAR
	Food Science & Technology General	
		Food Science & Technology ATAR
	Technical Graphics Design General	
	Textiles - MDT General	
	Wood - MDT General	

Prefer-ences	General/VET/GENVET	ATAR (University)
<b>Mathematics</b>		
	Maths: Essentials General	
		Maths: Applications ATAR
		Maths: Methods ATAR
		Maths Specialist ATAR
<b>Science</b>		
	Integrated Science General	
	Human Biology General	
		Biology ATAR
		Chemistry ATAR
		Human Biology ATAR
		Integrated Science ATAR
		Physics ATAR
		Psychology ATAR
<b>Humanities and Social Sciences</b>		
	Modern History General	
	Geography General	
		Economics ATAR
		Geography ATAR
		Modern History ATAR
		Politics and Law ATAR
<b>Health and Physical Education</b>		
	Health Studies General	
		Health Studies ATAR
	Outdoor Education General	
	SIS20115 Certificate II in Sport & Recreation	
		Physical Education Studies ATAR
<b>Workplace Learning &amp; VET</b>		
		Workplace Learning

Our College is characterised by our  
**Young Adult Ethos**

**Pursuing Personal Excellence**

setting high expectations and meaningful goals  
persevering when faced with challenges and building resilience  
accessing help and support

**Building Positive Relationships**

promoting mutual respect and trust  
engaging in teamwork and cooperative learning  
contributing to a productive learning environment

**Demonstrating Social Responsibility**

behaving ethically  
recognising and supporting the needs of others  
contributing to a sustainable community